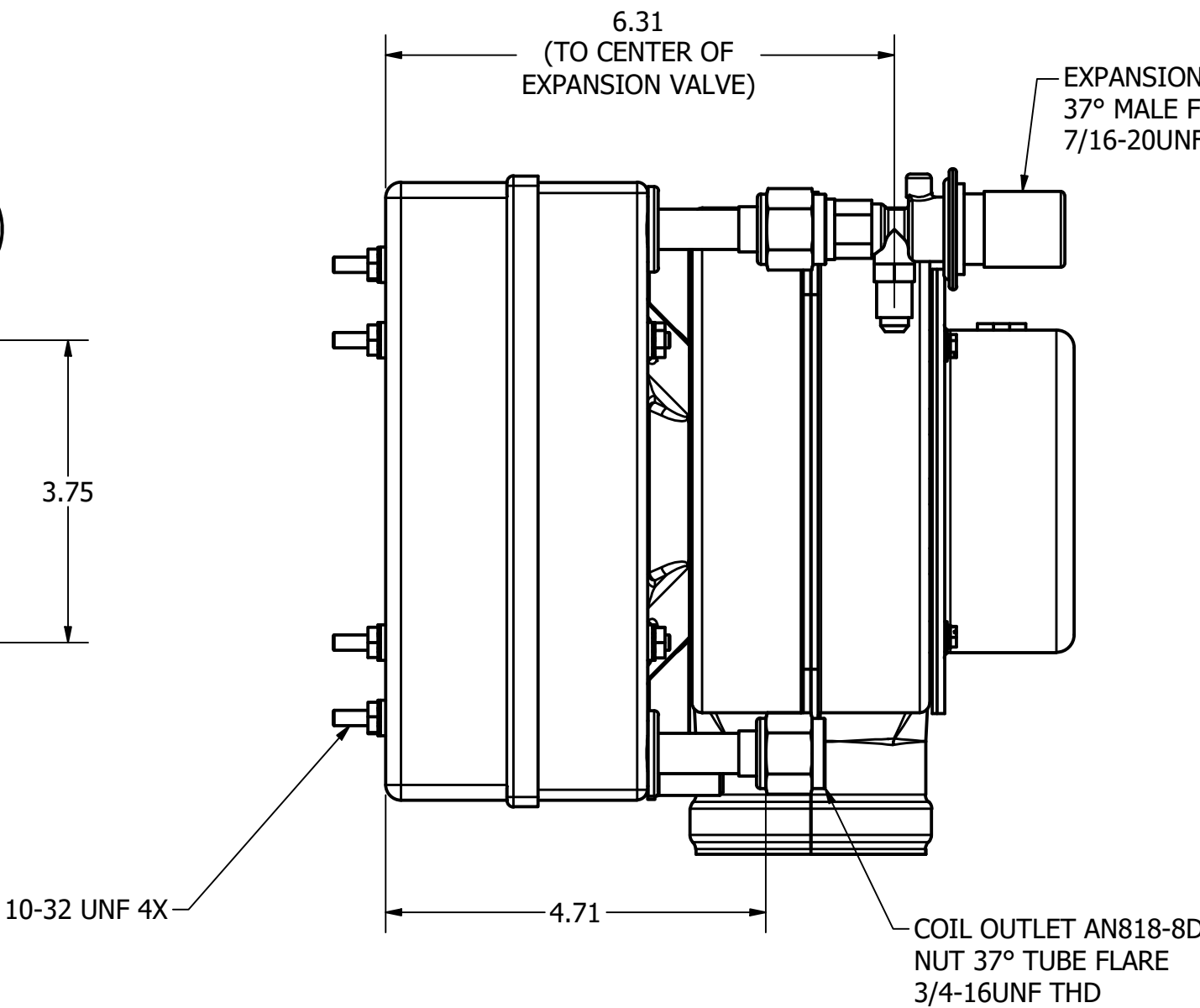
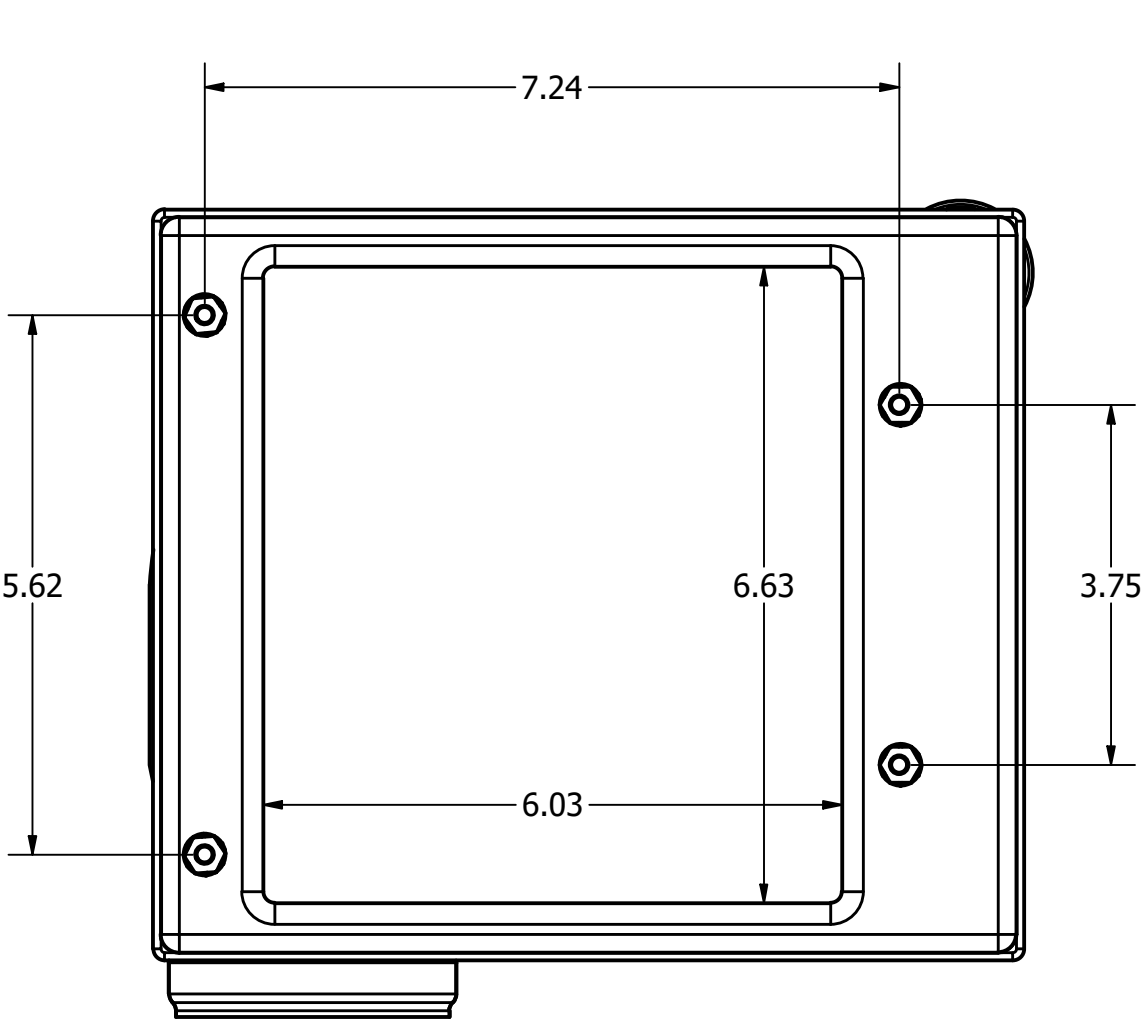


- NOTES:
- THIS DRAWING DEFINES THE OVERALL GEOMETRY AND PERFORMANCE SPECIFICATIONS OF AIR CONDITIONER EVAPORATORS APPLIED FOR AIRCRAFT USE AND CONSTITUTES THE ACCEPTANCE CRITERIA THEREOF. CONFORMANCE OF HARDWARE TO THESE REQUIREMENTS IS ACCEPTABLE IN LIEU OF VENDER DOCUMENTATION.
  - ACCEPTED SOURCE: ENVIRO SYSTEMS INC.  
4000 HIGHWAY 99 NORTH  
SEMINOLE, OK, 74868  
(405)-382-0731
  - P/N ES75203-10 IS REPLACEMENT MOTOR/CONTROLLER

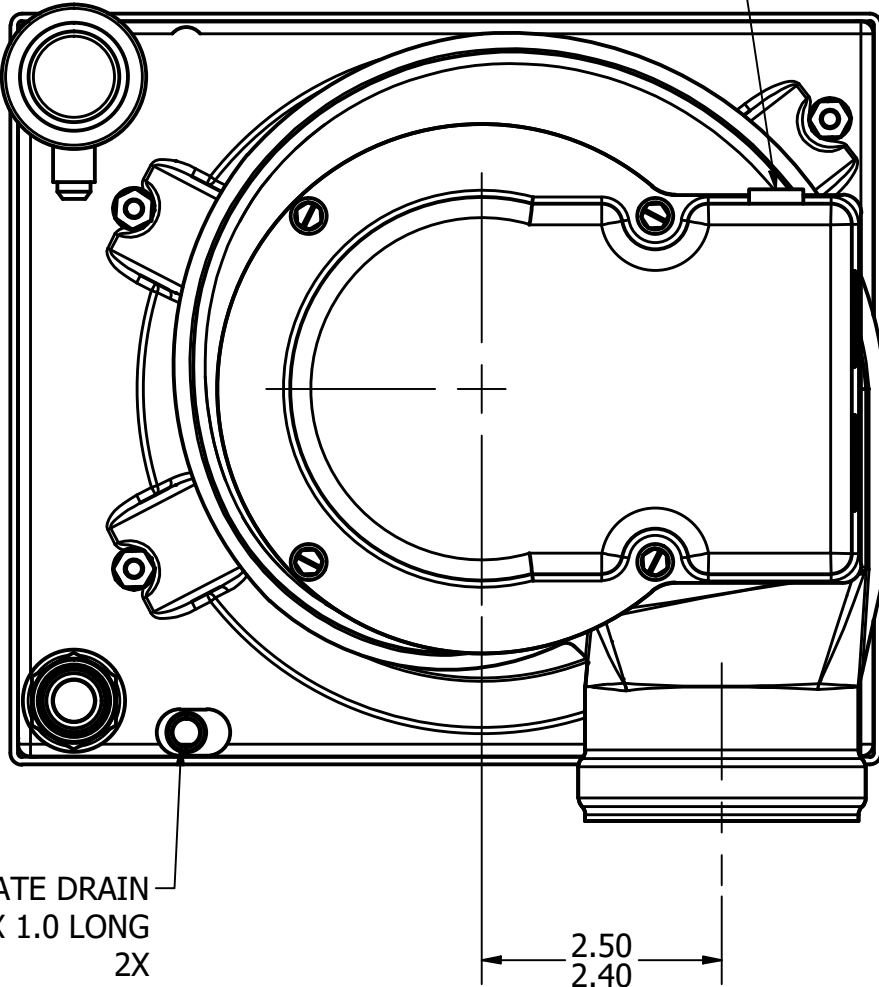
REVISION HISTORY					
REV	DATE	DESCRIPTION	AUTHOR	CHECKED BY	APPROVED
NC	6/11/19	INITIAL RELEASE	ZA		

**EVAPORATOR P/N**      **MFR'R P/N**  
**ES75204-1**            **1134200-84**



EXPANSION VALVE (P/N 1134218) INLET  
37° MALE FLARE (Ø0.25)  
7/16-20UNF-2A THD

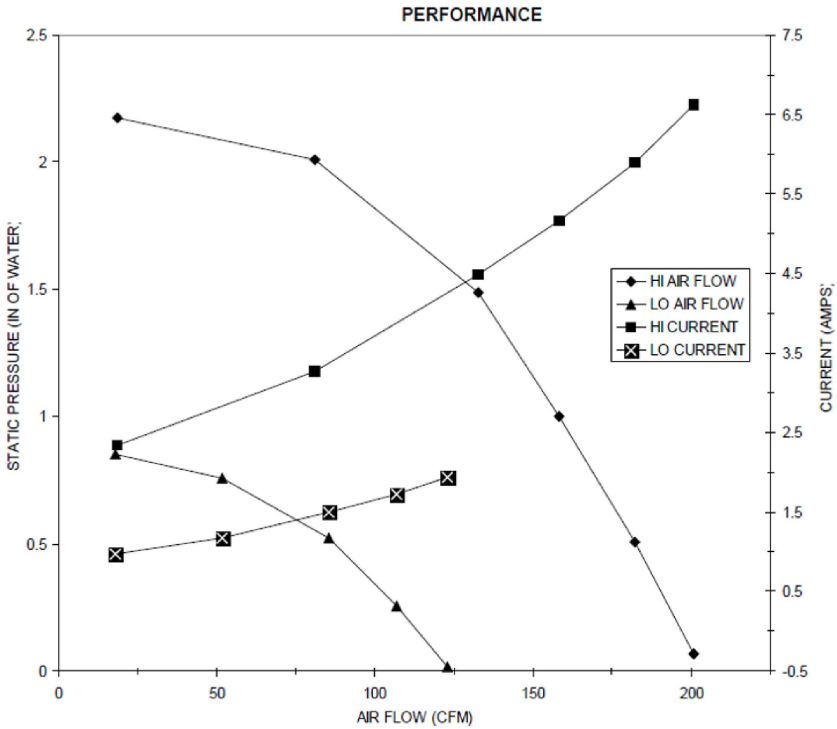
WIRES NOT SHOWN  
ORANGE - HIGH SPEED  
BLACK - GROUND  
RED - LOW SPEED



**DESIGN SPECIFICATIONS**

CAPACITY 7000 BTUH (MIN)  
AIR INLET CONDITIONS 80°F (DB) & 67° (WB)  
REFRIGERANT R-134a  
COIL REFRIG. PRESS. DROP 2 PSID  
COIL AIR PRESS. DROP .47 IN. WATER @ 200 CFM  
EXPANSION VALVE INLET CONDITIONS REFRIG. TEMP. -120°F  
REFRIG. PRESS. -205PSIG

VOLTAGE 24-32 VDC  
AIRFLOW SEE GRAPH  
CURRENT 10A MAX  
WEIGHT 7.25 LBS MAX  
MTBF 5000 HRS  
OVERVOLTAGE LIMIT 30.4 VDC  
UNDER VOLTAGE LIMIT 10.3 VDC  
OVERTEMP LIMIT 88°C



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PROTO

Paravion® Technology Inc.		TITLE EVAPORATOR		DRAWING NUMBER ES75204	
DIMENSIONS IN INCHES TOLERANCES EXCEPT WHERE NOTED: .X = ± .1 .XX = ± .05 .XXX = ± .010 ANGLES = ± 1°		DRAWN BY ZA	CHK'D BY	APRVD. BY	DATE 2/27/19
THREADS: INTERNAL: CLASS 2B EXTERNAL: CLASS 2A		DO NOT SCALE DRAWING		SHEET 1 OF 1	
3RD ANGLE PROJECTION		© 2019 PARAVION TECH. INC. PARAVION IS A TRADEMARK OF PARAVION TECHNOLOGY INC.		REV NC	ECO